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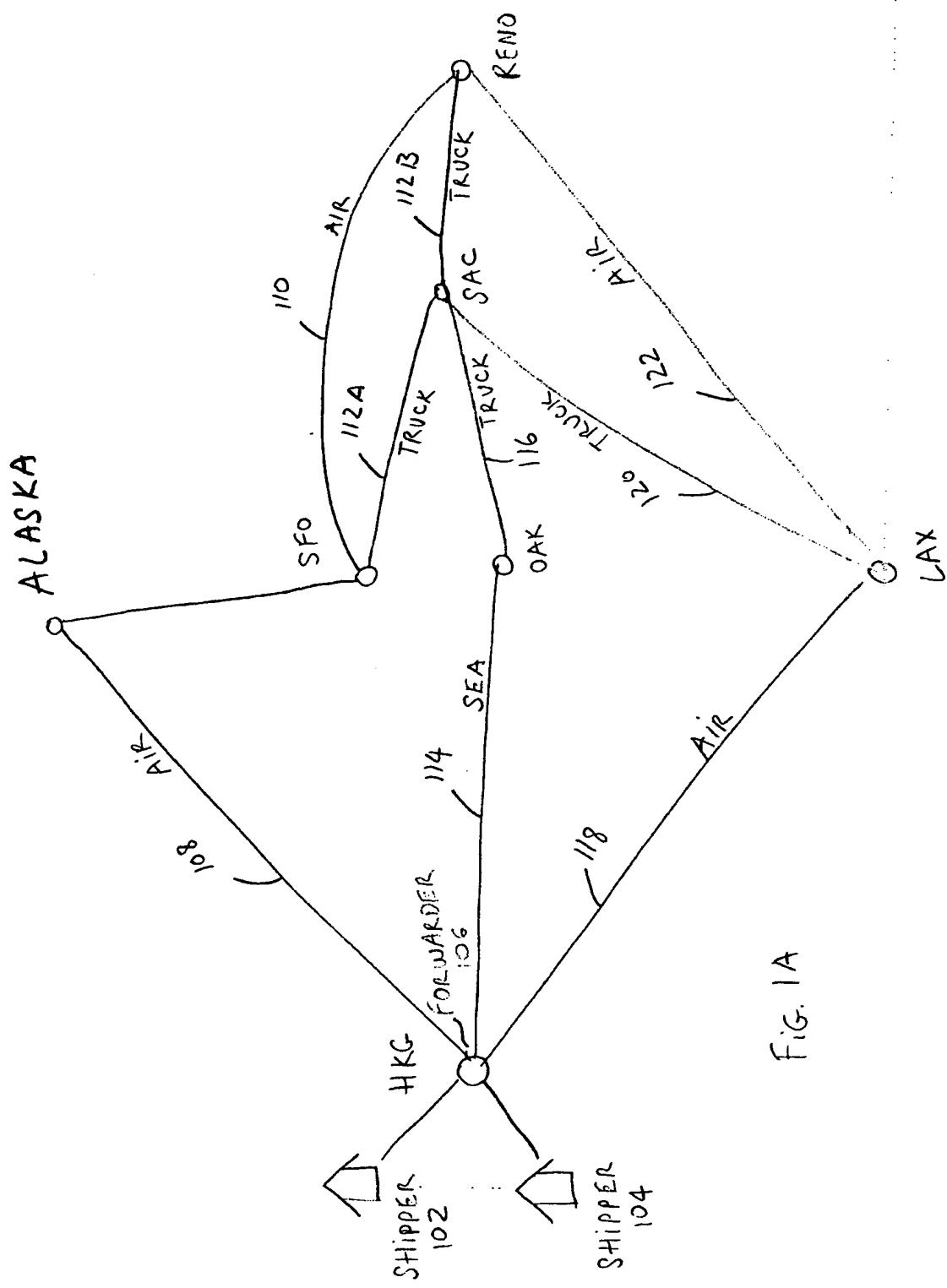


Fig. 1A

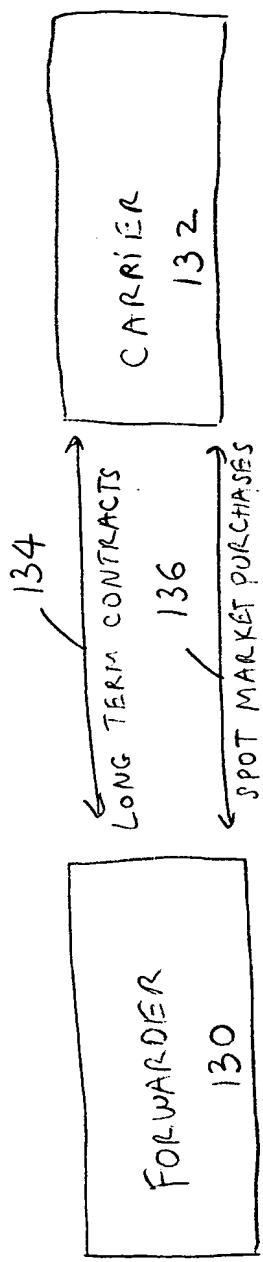


Fig. 1B

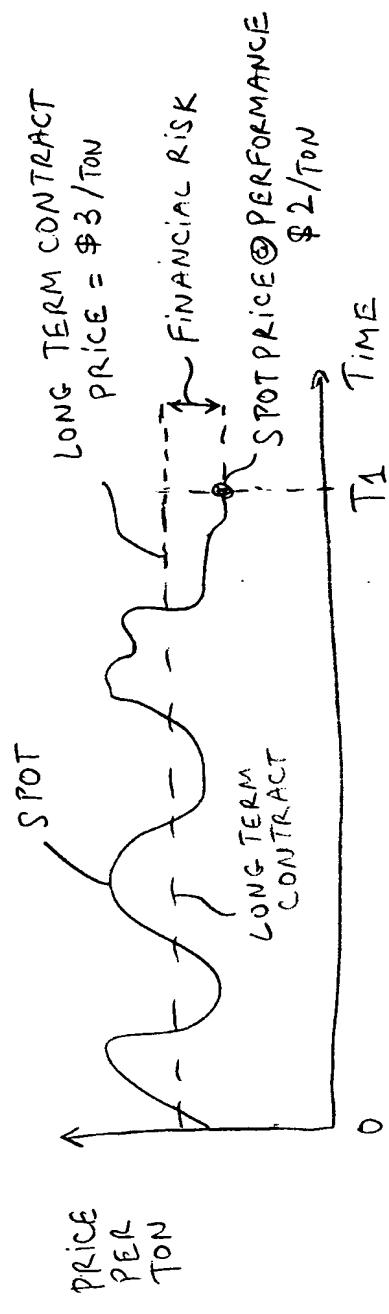


Fig. 1C

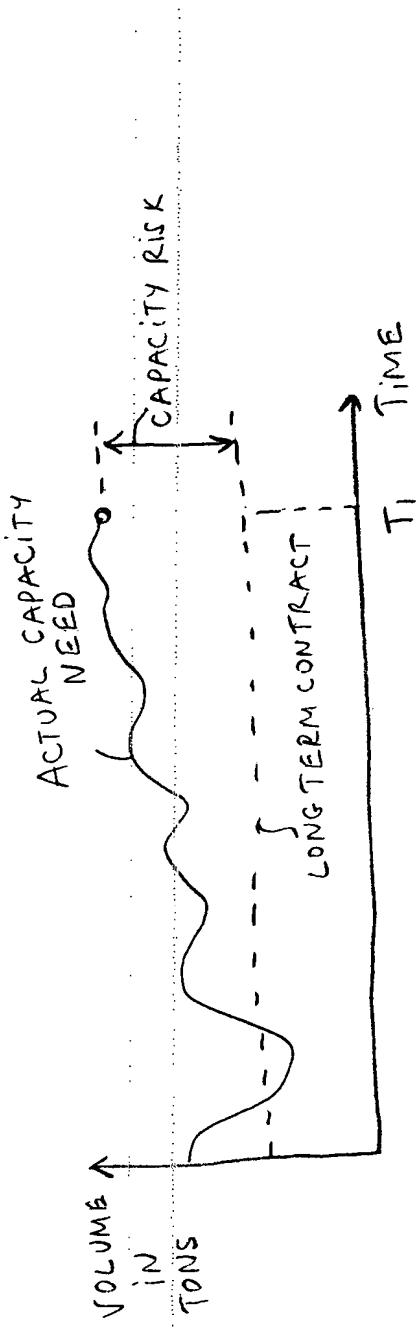


Fig. 1D

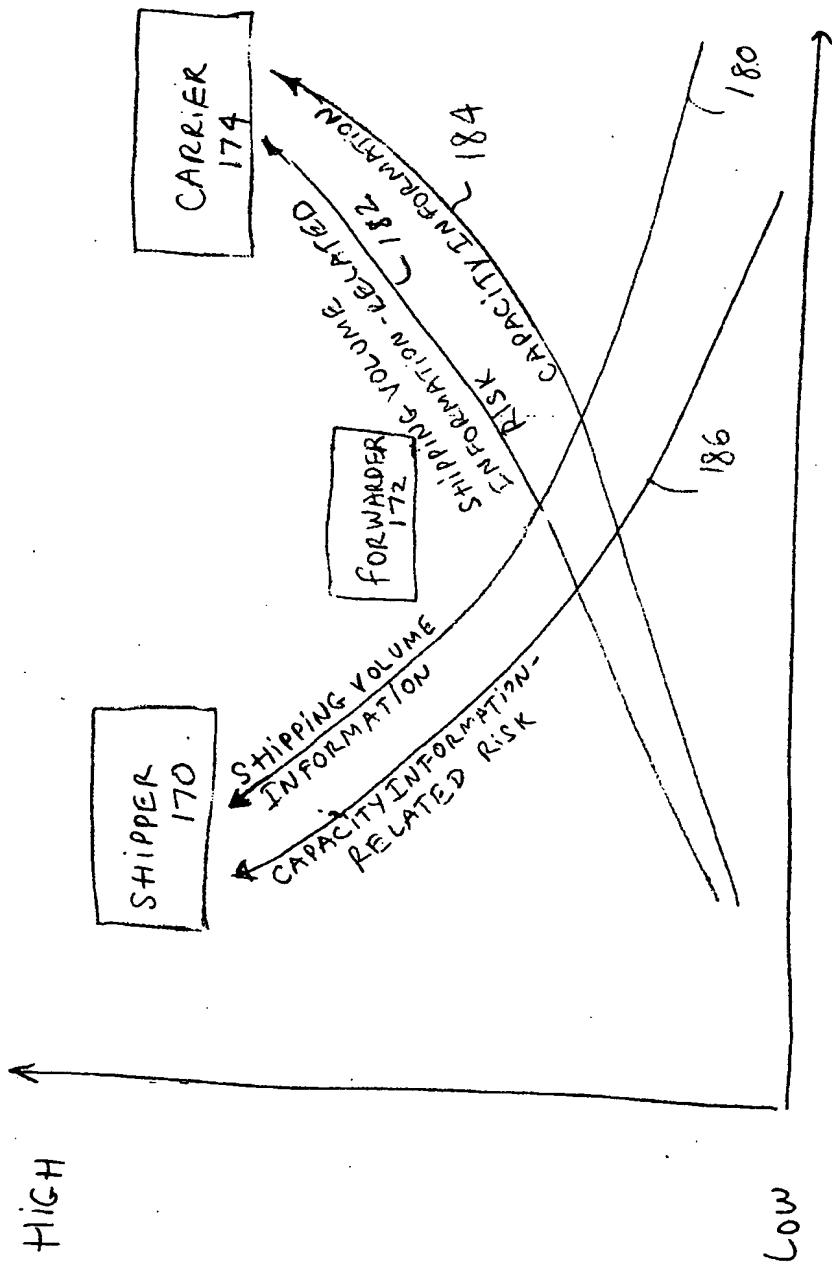


Fig. 1E

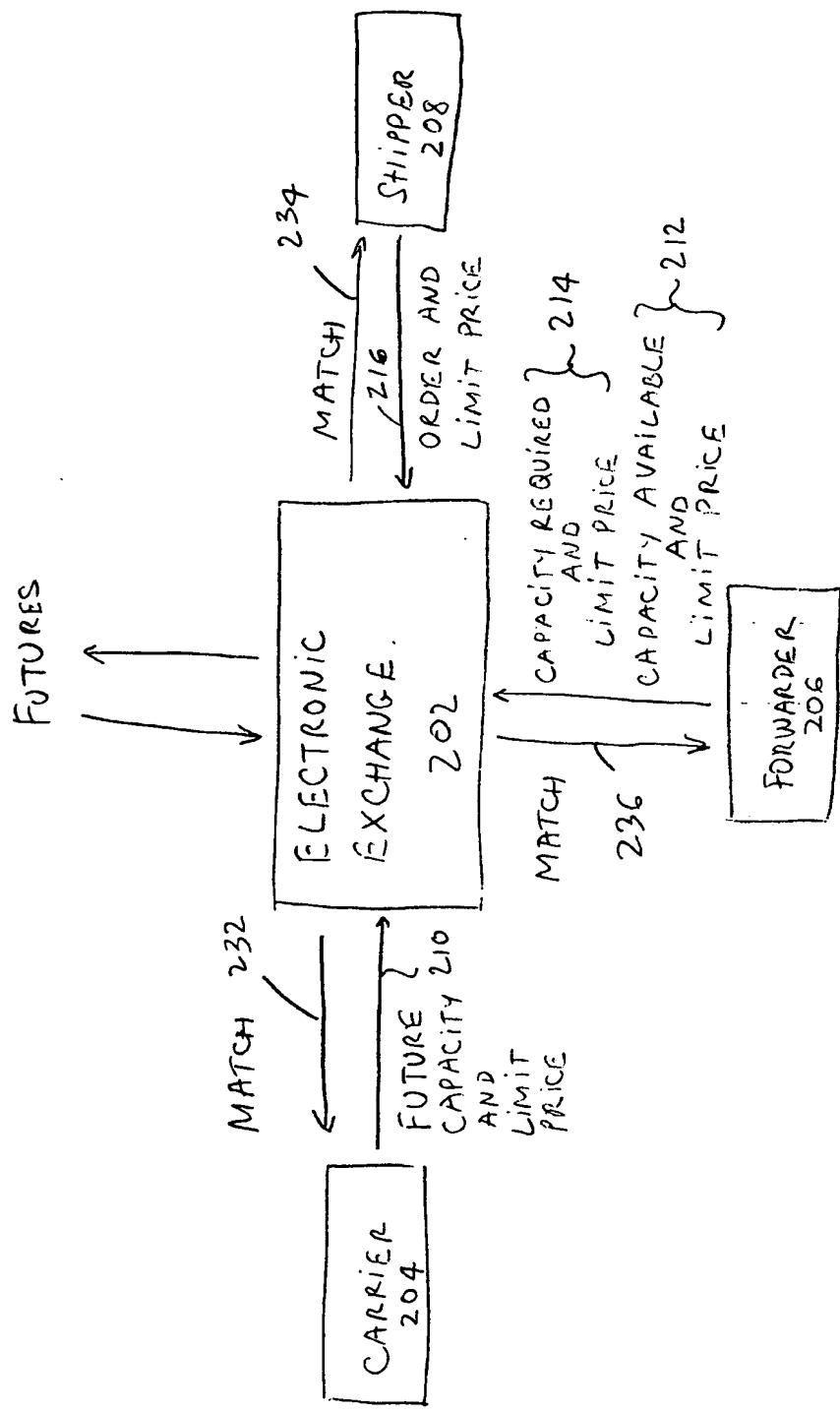


Fig. 2 (prior ART)

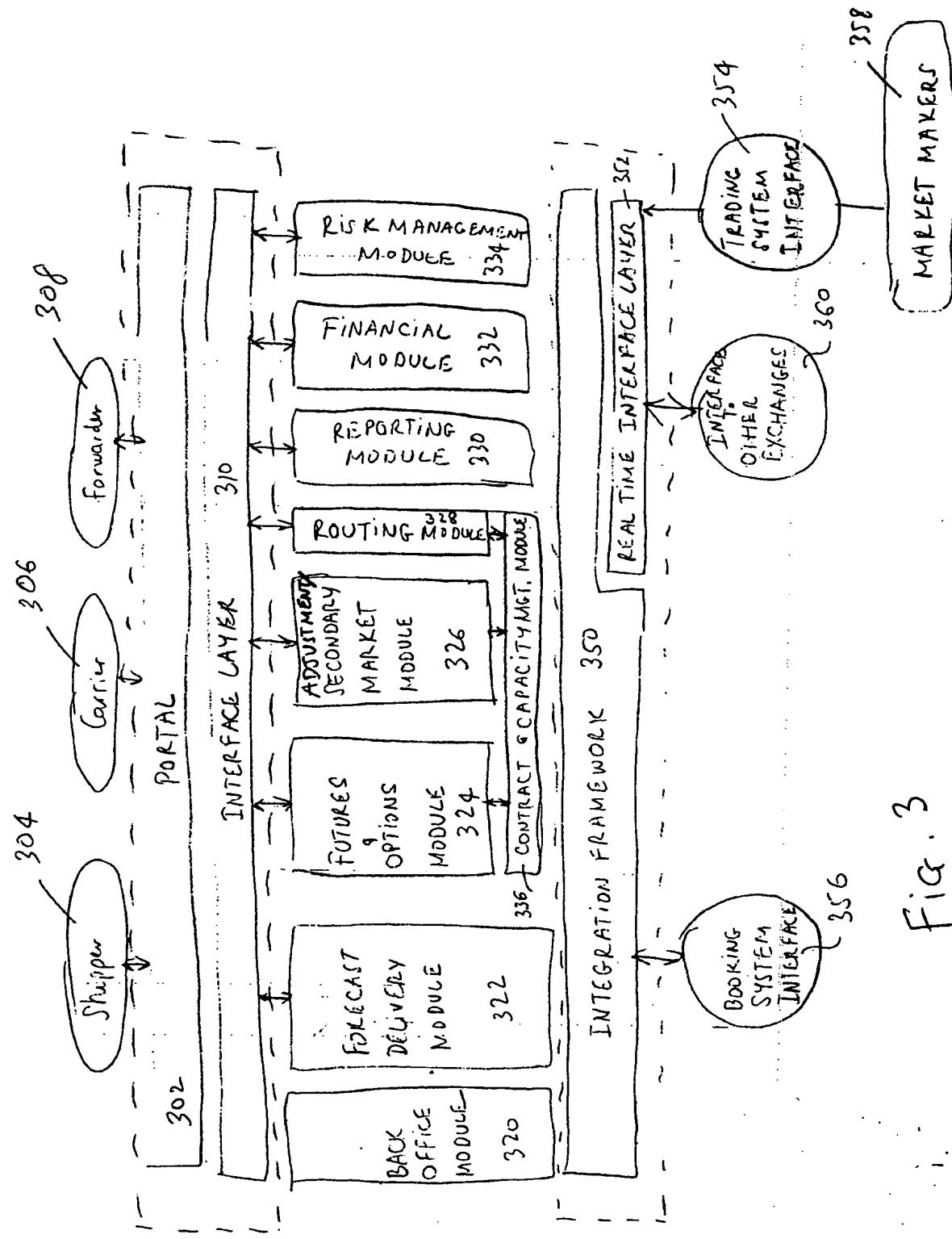


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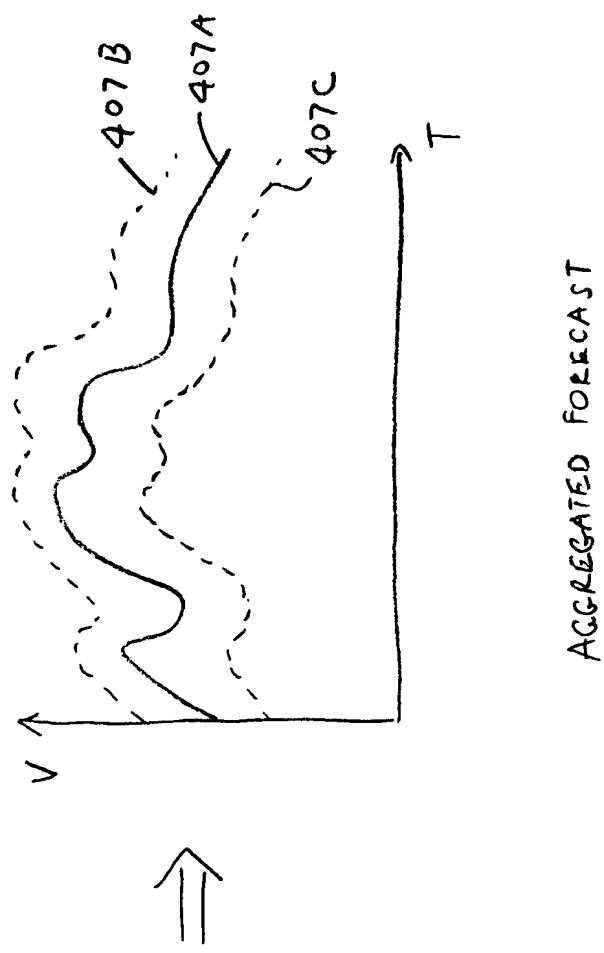
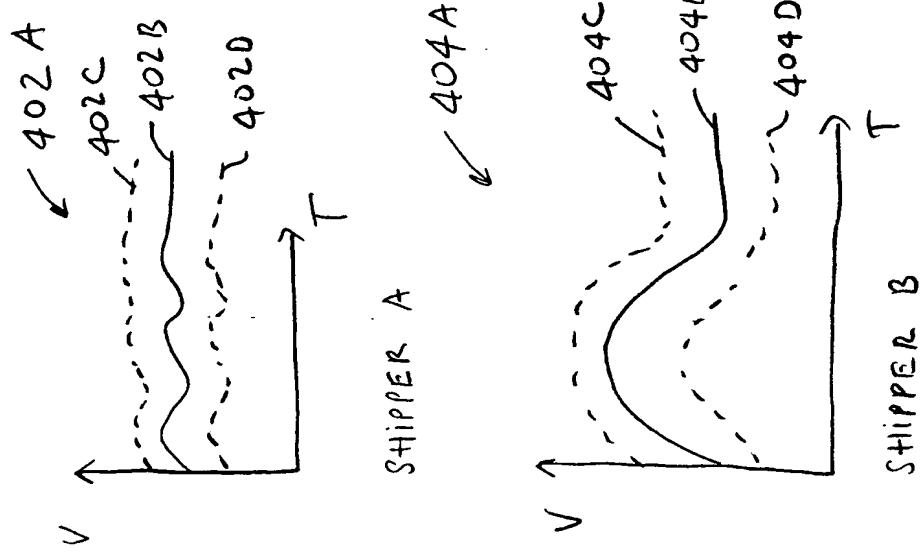
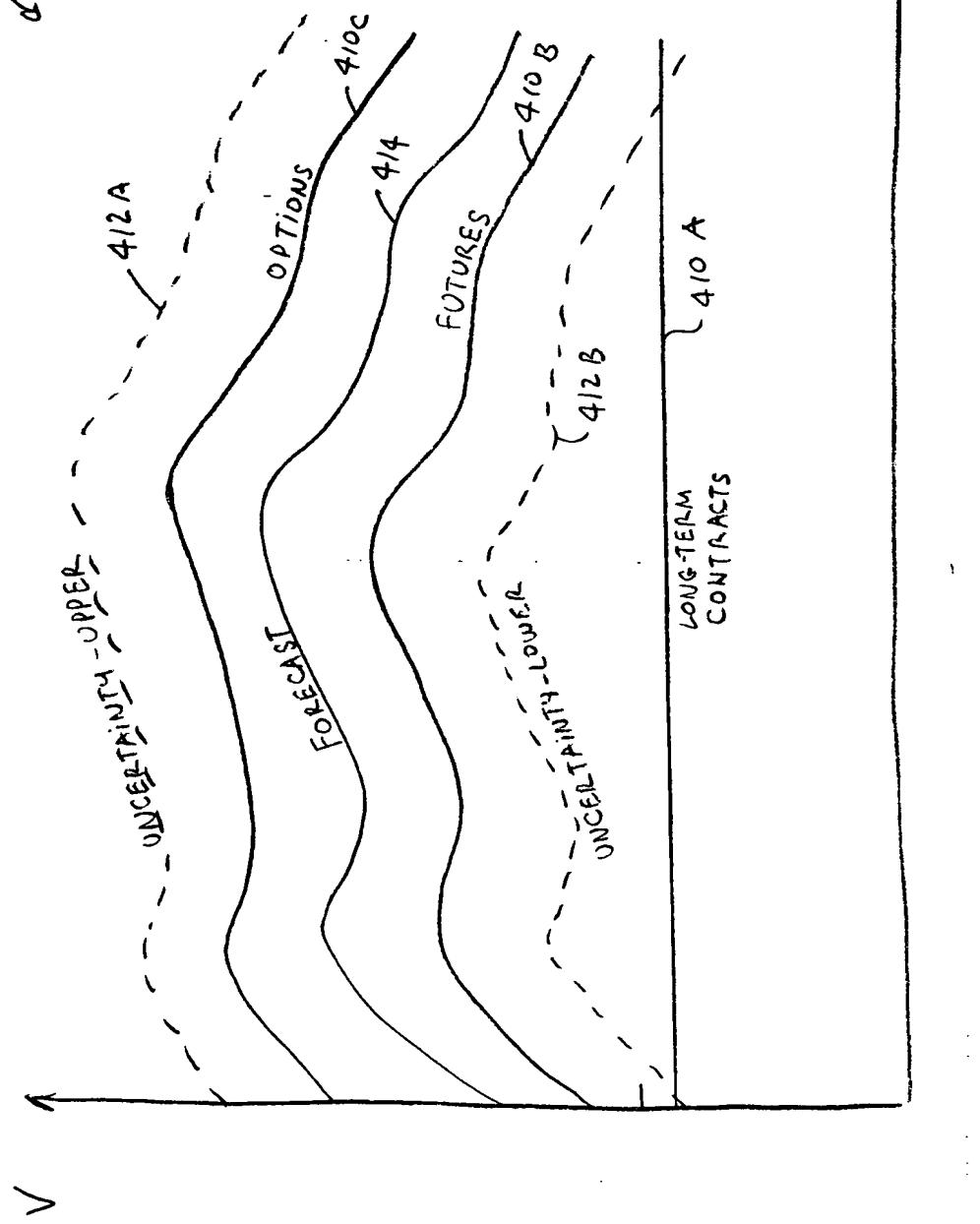


FIG. 4A

6 408



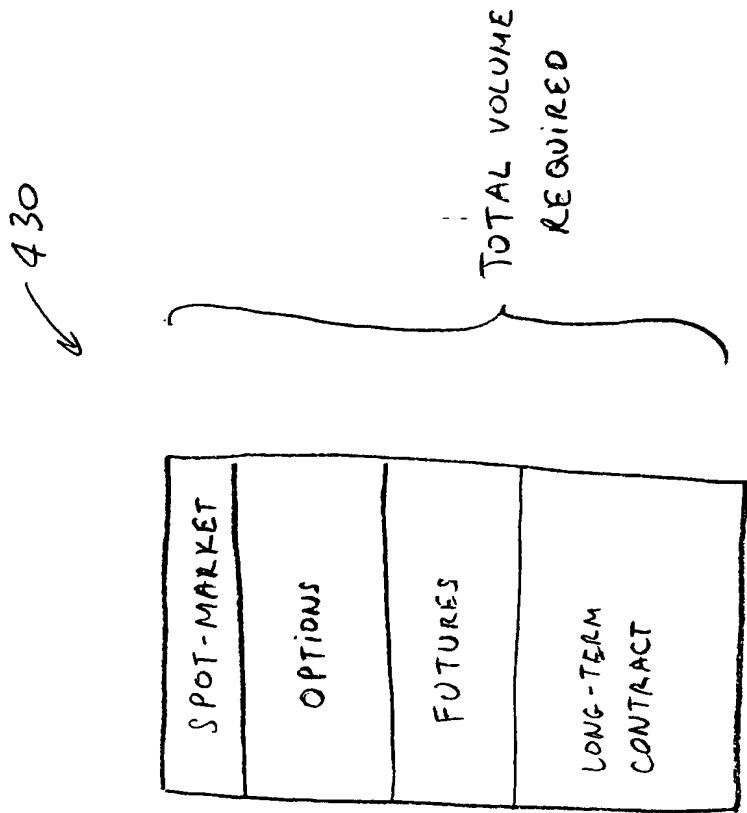
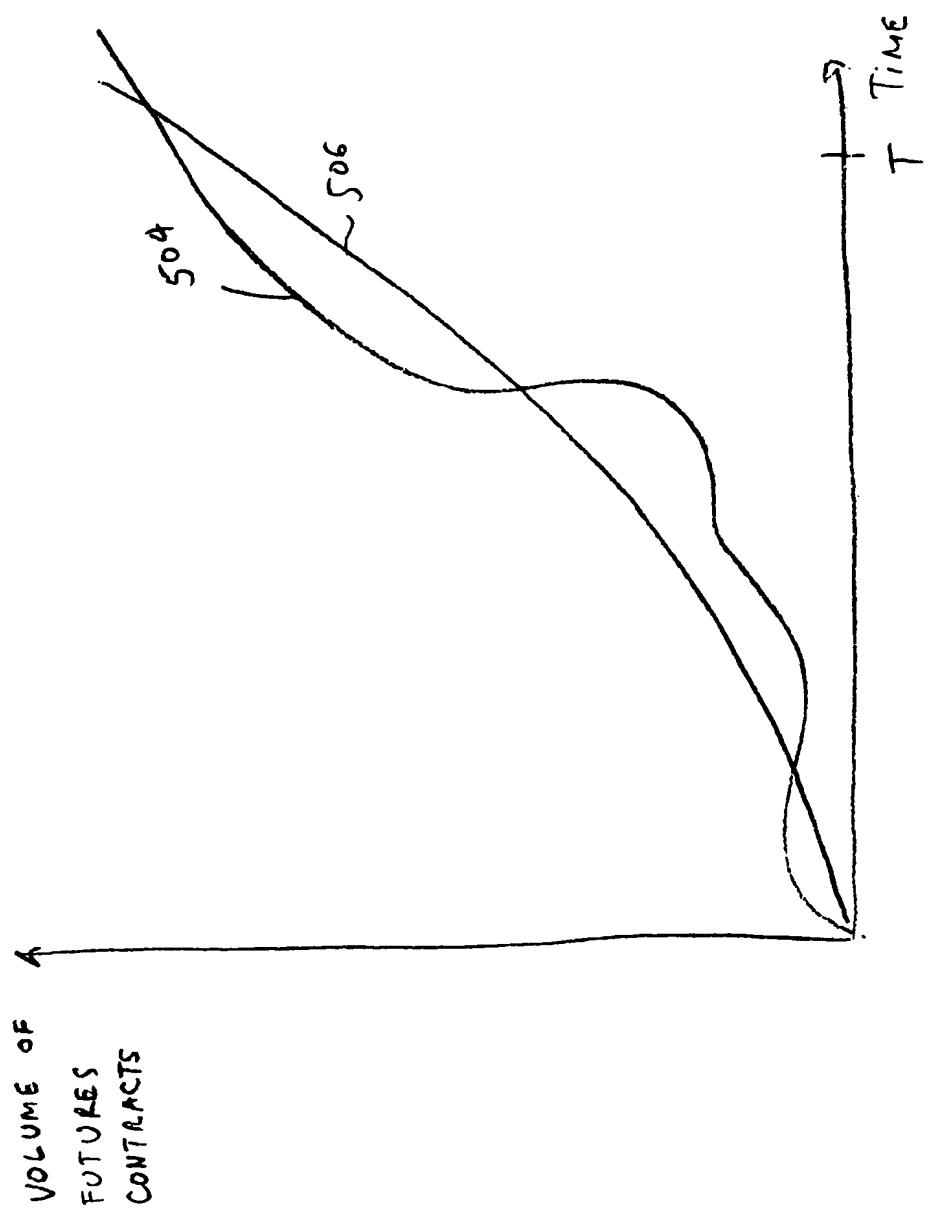
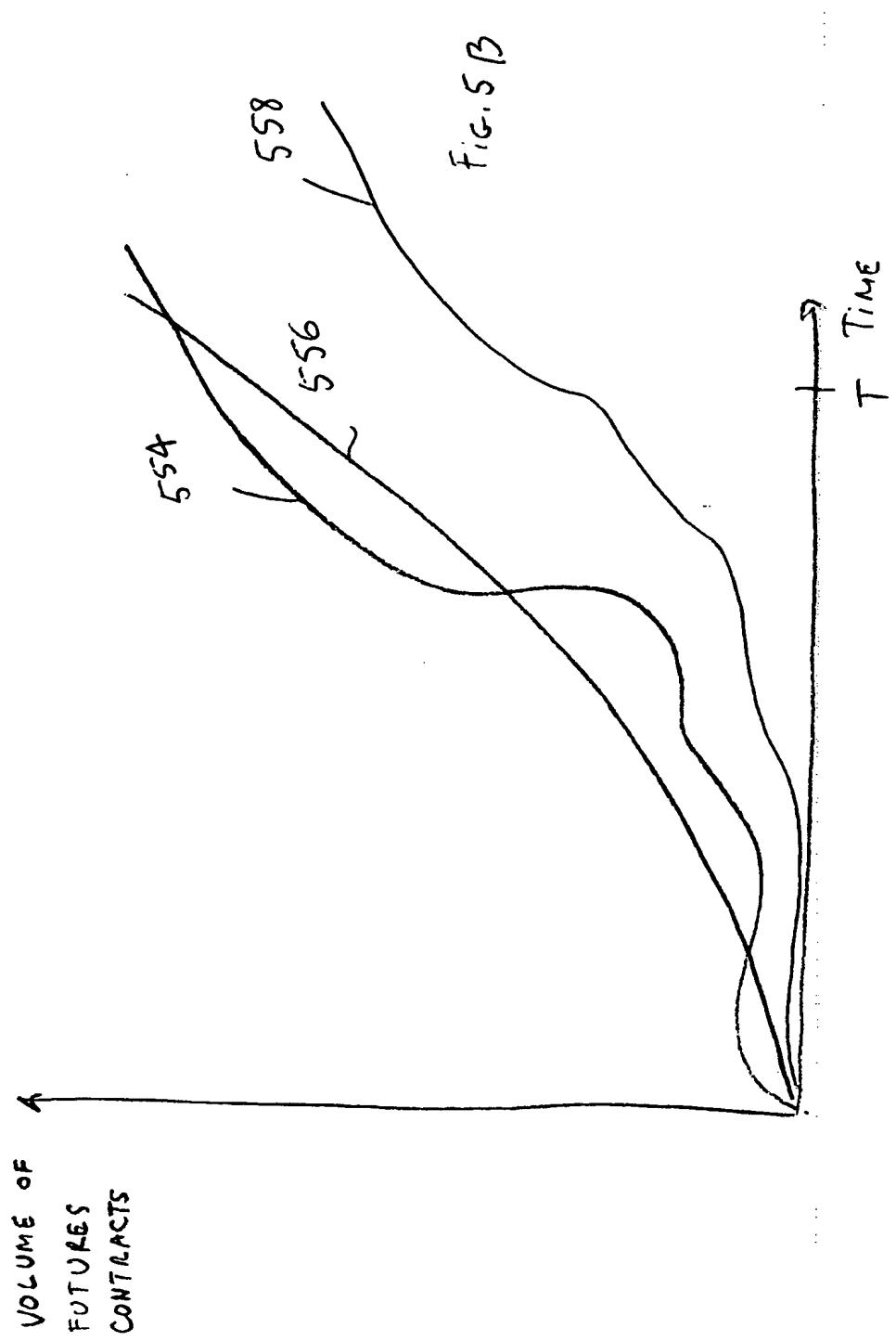


Fig 4c

fig. 5A





$$\text{Index}_V = \frac{\sum_{i \in V} \text{Price}_i \times \text{Volume}_i}{\sum_{i \in V} \text{Volume}_i}$$

Fig. 6

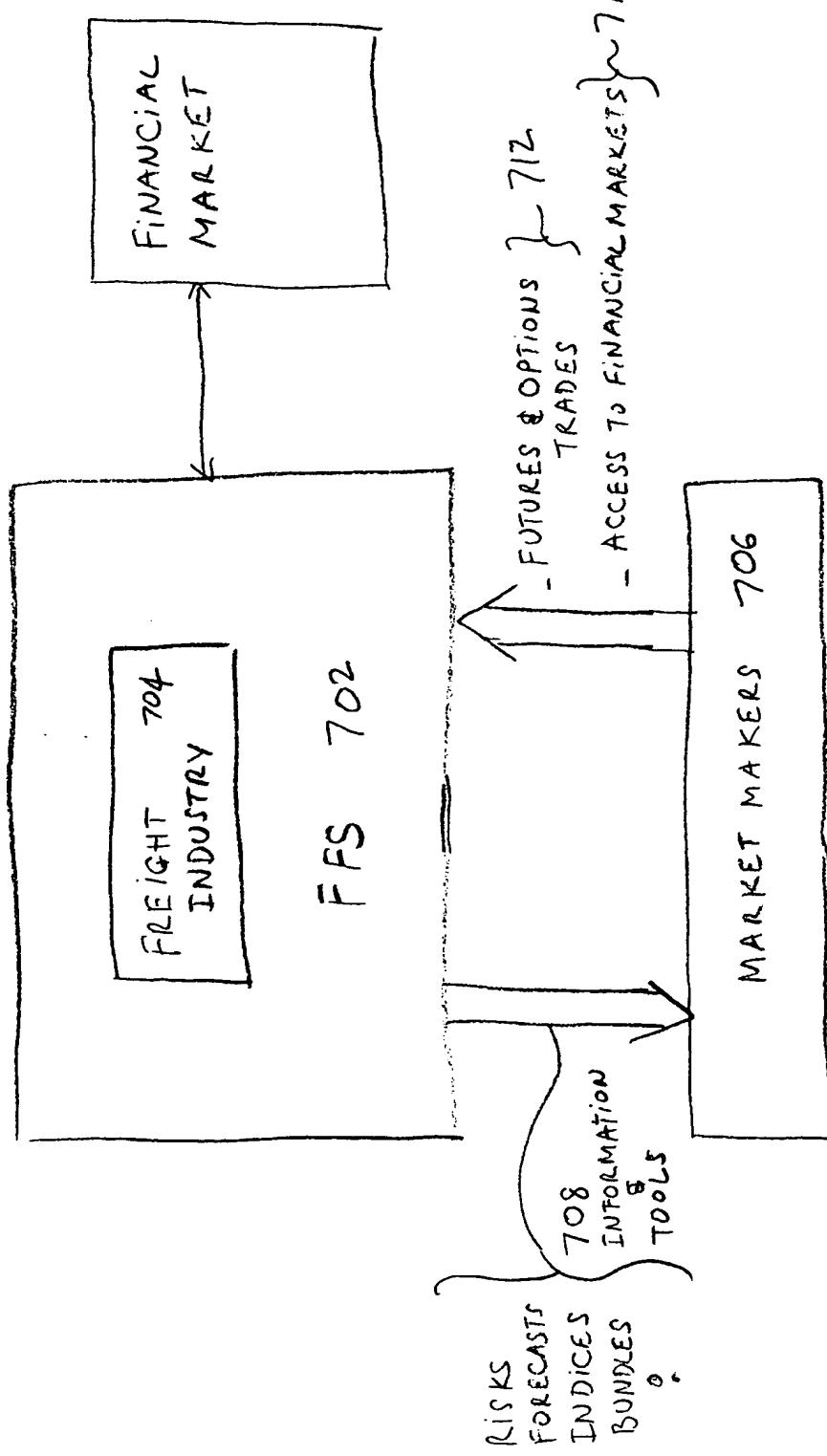


Fig. 7

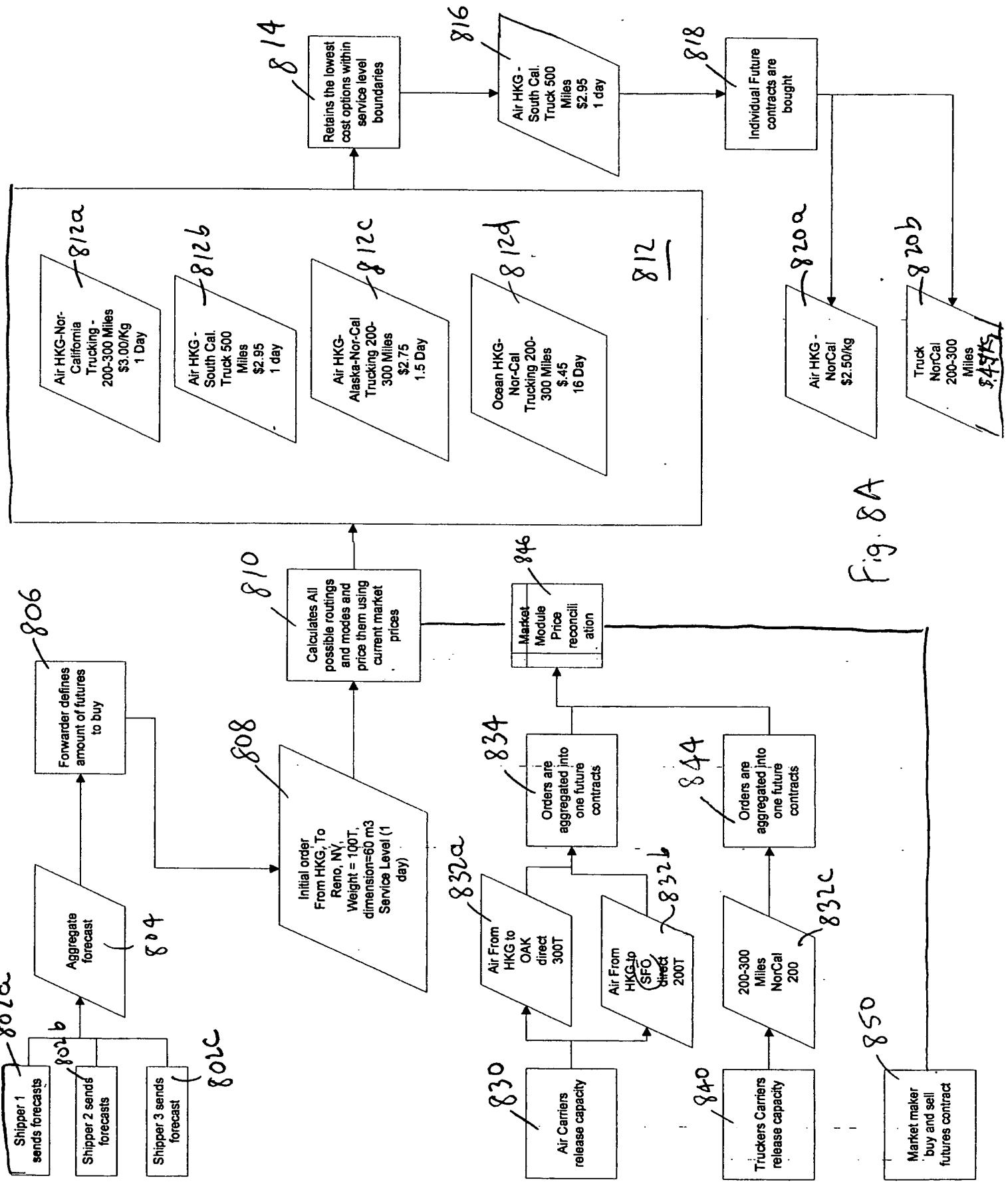


Fig. 8A

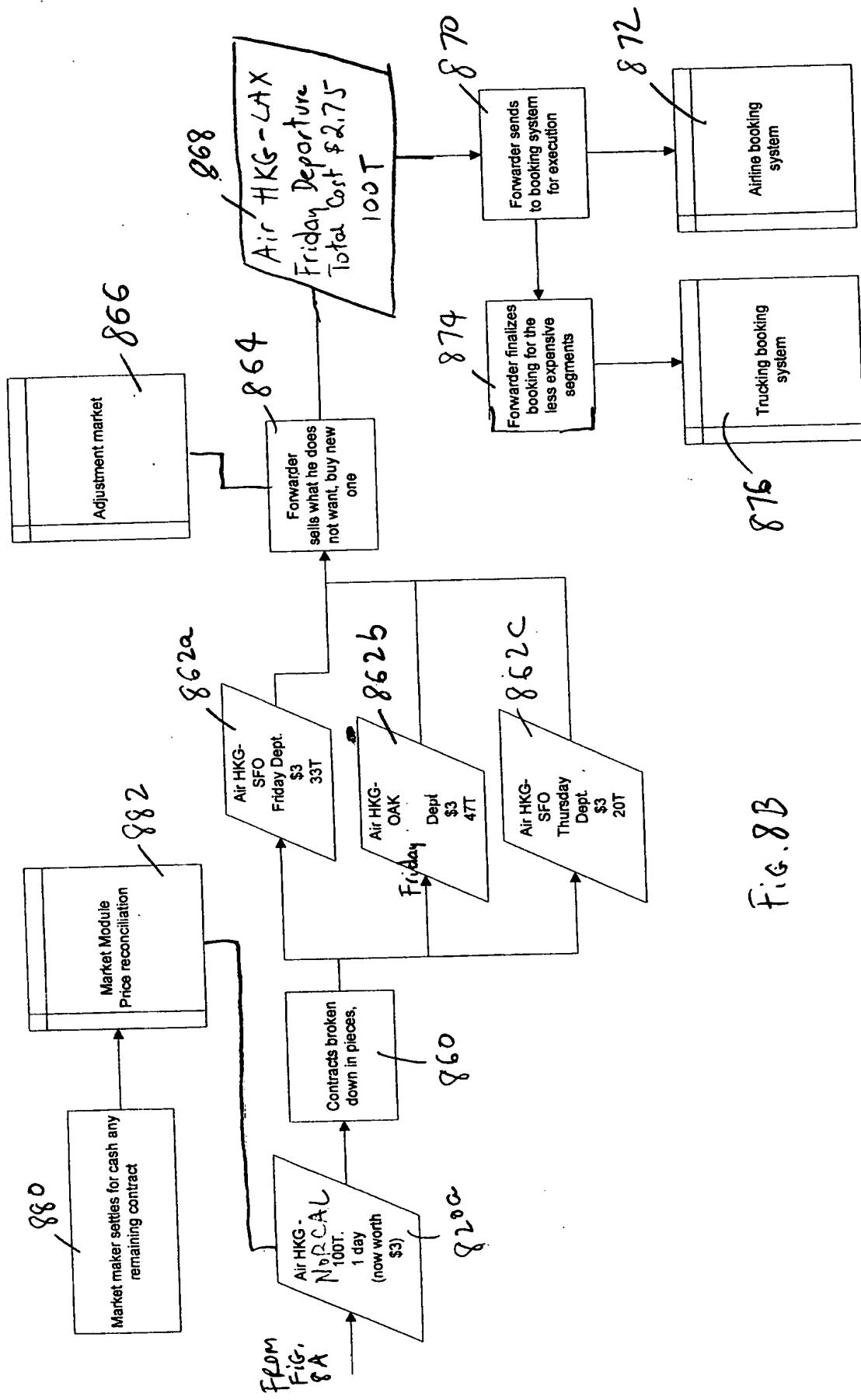
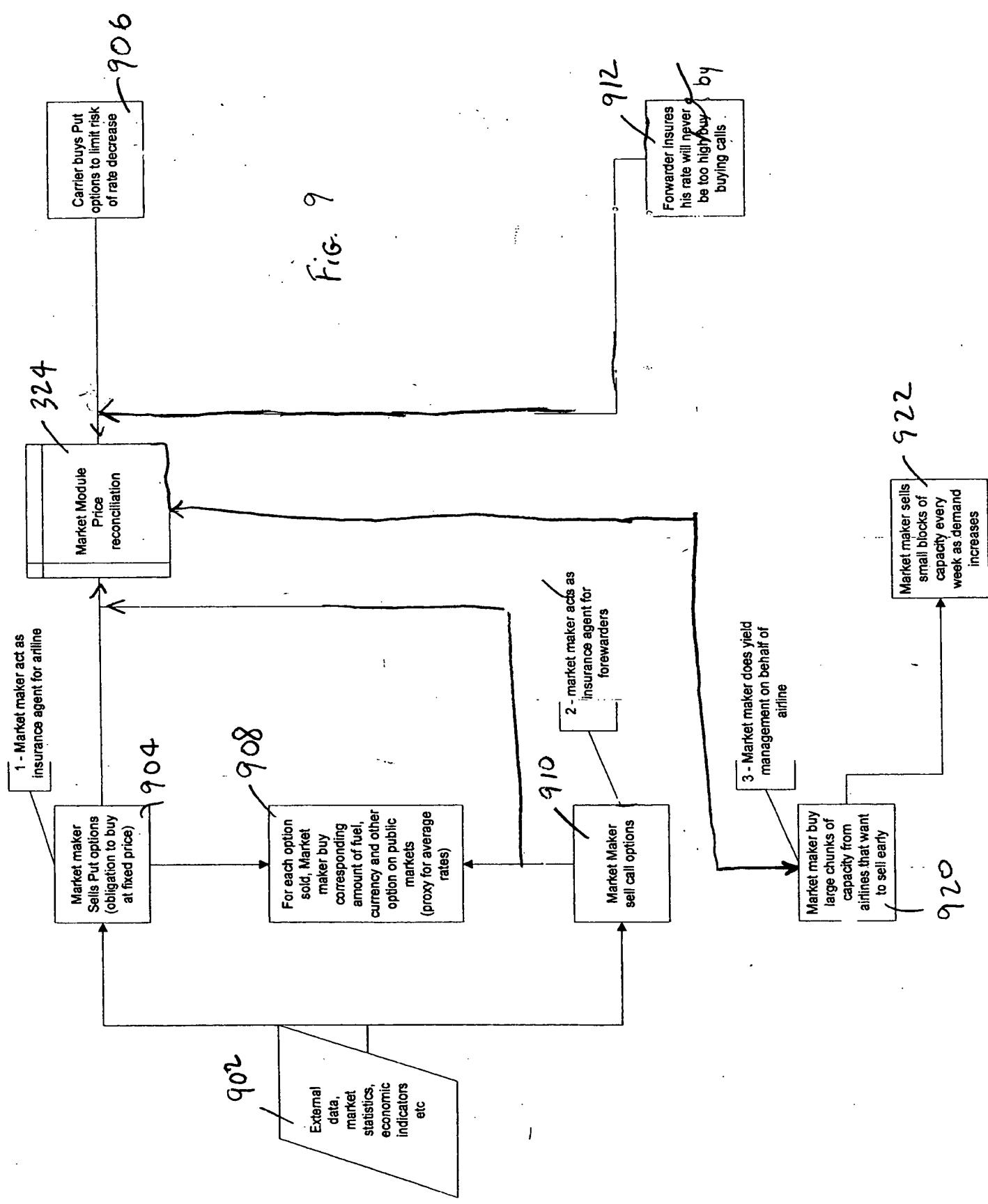


Fig. 8B



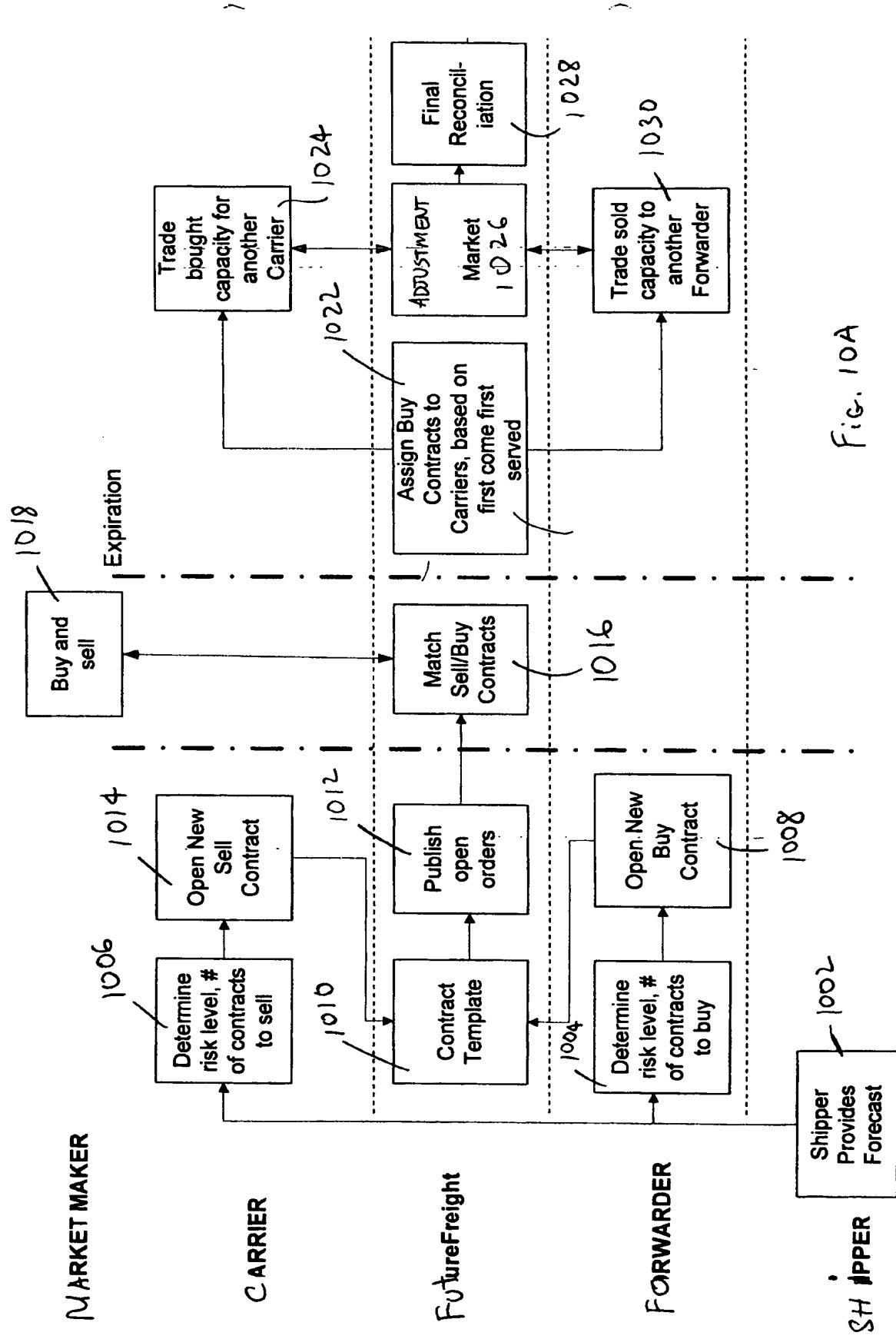


Fig. 10A

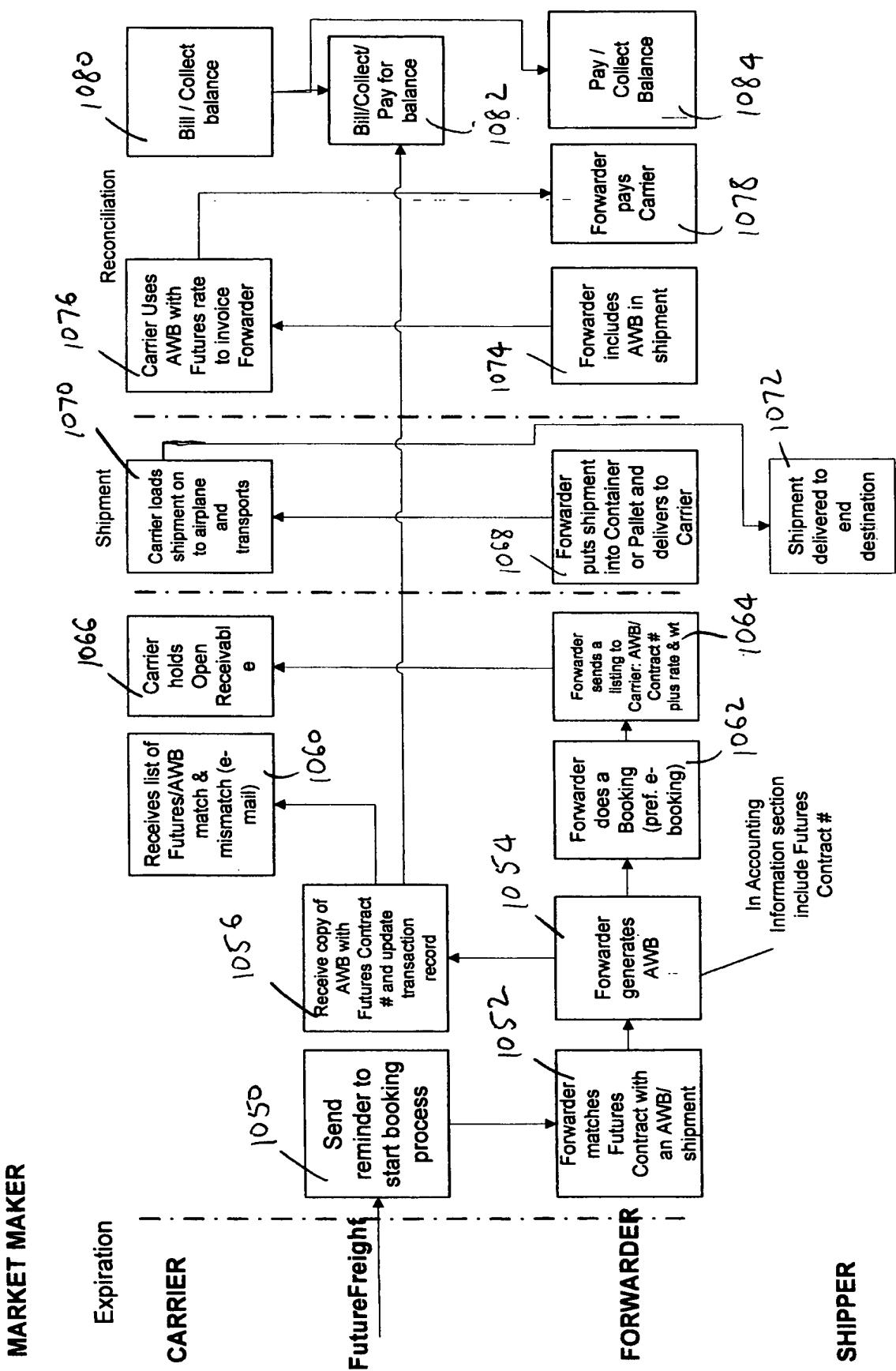
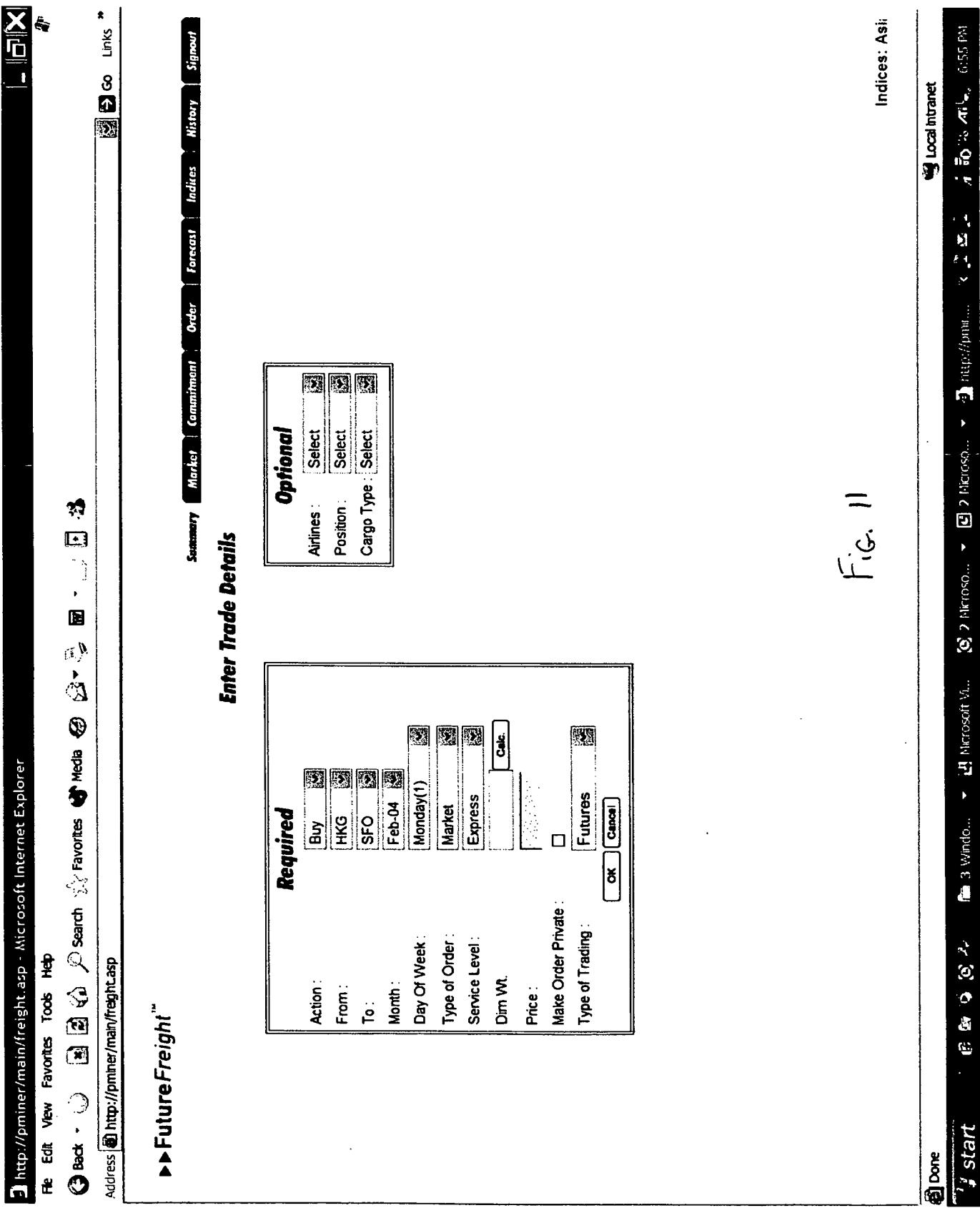


Fig. 108



二
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My Commitments

Orig	Dest	Month	Service	Price	Curr Price	Gain	% of Forecast	Wt	Action
HKG	SFO	Nov-03	2 Day	\$2.21	\$1.30	\$1.80	38	16%	76 B
TPE	SFO	Nov-03	2 Day	\$2.30	\$2.31	\$1.30	0	0%	20 B
TPE	LAX	Jan-04	Express	\$2.86	\$2.87	\$2.23	6.72	12%	12 B
HKG	SFO	Feb-04	Express	\$2.45	\$2.48	\$2.23			
HKG	LAX	Dec-03	1 day	\$2.23	\$2.34	\$2.86	\$2.86	0	54 B
PVG	SEA	Dec-03	Express	\$2.42	\$2.49	\$2.23	\$2.12	-13.2	120 B
ICN	LAX	Nov-03	1 Day	\$2.86	\$2.89	\$1.90	\$0.00	176.3	9% 43 S
						HKG SFO Dec-03 Express	\$2.23	5.61	13% 33 S
						ICN LAX Nov-03 Express	\$2.23	0	0% 10 S
						PVG SFO Nov-03 2 day	\$2.23	\$2.50	26.73 34% 99 S

1206

My Orders

Orig	Dest	Month	Service	Type of Order	Limit Price	Weight
SIN	SFO	Dec-03	1 Day	Buy	\$1.30	78
SIN	SFO	Nov-03	Express	Sell	\$2.48	54
TPE	SFO	Dec-03	1 Day	Sell	\$2.88	98
SIN	SFO	Feb-04	Express	Buy	\$1.58	45
ICN	LAX	Feb-04	Express	Sell	\$2.67	12
HKG	LAX	Jan-04	1 Day	Buy	\$1.56	40
ICN	SFO	Nov-03	1 Day	Iceberg Sell	\$1.54	150
TPE	LAX	Nov-03	Express	Sell	\$3.50	14
HKG	SFO	Dec-03	Express	Sell	\$3.00	134

1202

Forecast

Orig	Dest	Shipper	Month	Cargo Type	Vol	Act Wt	Trd Wt	Conf	Qual
TPE	SFO	Cisco	Nov-04	Electronic	500	22	21	63%	B-
TPE	SFO	Sony	Nov-04	Electronic	200	15	15	78%	B+
TPE	SFO	Nike	Nov-04	Generic	600	0.5	1	28%	C-
Total					1300	37.5	37		
TPE	SFO	Sony	Dec-04	Electronic	317	30	30	45%	B+
TPE	SFO	Nike	Dec-04	generic	600	2	2	71%	B-
Total					917	32	33		

1208

Fig. 12 A

Indices: Asia/US \$2.88₈₅ US/Asia \$0.85₂₅ Asia/EU \$2.10₇₆ EU/Asia \$0.54₃₈ EU/EU \$0.78₄₅ US/EU \$0.68₃₅ ... Routes TPE-SFO \$1.89₁₈ HK-LAX \$2.45₅₅

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Address http://pminer/main/freight.asp

► Future Freight™

Select Region: From: Asia To: US-West Options View

Market

Orig	Dest	Month	Service	Bid	Ask	Strike	Weight
HKG	SFO	Nov-03	2 Day	0.05	0.06	\$2.31	134
TPE	SFO	Nov-03	2 Day	0.25	0.28	\$2.32	134
TPE	LAX	Jan-04	Express	0.07	0.12	\$2.59	150
HKG	SFO	Feb-04	Express	0.12	0.14	\$2.07	100
HKG	LAX	Dec-03	1 day	0.14	0.28	\$2.53	100
PVG	SEA	Dec-03	Express	0.15	0.16	\$2.43	100
ICN	LAX	Nov-03	1 Day	0.47	0.48	\$2.17	75

My Commitments

Orig	Dest	Month	Service	Strike	Prem	Curr	Gain	% of Forecast	Wt	Action
HKG	SFO	Nov-03	Express	\$1.30	0.07	\$1.80	38	16%	76	B
HKG	SFO	Dec-03	Express	\$1.30	0.09	\$1.30	0	0%	20	B
PVG	SEA	Nov-03	Express	\$2.23	0.21	\$2.79	6.72	12%	12	B
TPE	LAX	Feb-04	Express	\$2.86	0.14	\$2.86	0	0%	54	B
TPE	SFO	Jan-04	Express	\$2.23	0.09	\$2.12	-13.2	13%	120	B
HKG	SEA	Dec-03	Express	\$1.80	0.10	\$6.00	176.3	9%	43	S
HKG	SFO	Dec-03	Express	\$2.23	0.12	\$2.40	5.61	13%	33	S
ICN	LAX	Nov-03	Express	\$2.23	0.24	\$2.23	0	0%	10	S
PVG	SFO	Nov-03	2 day	\$2.23	0.44	\$2.50	26.73	34%	99	S

Forecast

Orig	Dest	Conf	Month	Cargo Type	Vol	Act Wt	Trd Wt	Quality
TPE	SFO	64%	Nov-04	Electronic	500	22	21	B-
TPE	LAX	59%	Nov-04	Electronic	200	16	15	B+
TPE	SEA	23%	Nov-04	Generic	600	0.5	1	C-
Total					1300	37.6	37	
TPE	LAX	46%	Dec-04	Electronic	317	30	30	B+
TPE	SEA	75%	Dec-04	Generic	600	2	3	B-
Total					917	32	33	

Indices: Asia/US \$2.88₈₅ US/Asia \$0.85₂₅ Asia/EU \$2.10₇₆ EU/Asia \$0.54₃₈ EU/US \$0.78₄₅ US/EU \$0.68₃₅ ... Routes TPE-SFO \$1.89₁₈ HK-LAX \$2.4₅₅

Done Start

Fig. 12C

► Future Freight

Select Region: From: Asia To: US-West

Market

Orig	Dest	Carri	Time/Date	Serv	Fit	Bid	Ask	Position	Wt
HKG	SFO	SQ	F 05/11/04	2 Day	1124	\$2.21	\$2.23	Upper	134
TPE	SFO	JAL	T 05/12/04	2 Day	109	\$2.30	\$2.31	Upper	134
TPE	LAX	UA	T 06/18/04	Express	1189	\$2.86	\$2.87	Lower	150
HKG	SFO	UA	W 09/08/04	Express	1189	\$2.45	\$2.48	Lower	100
HKG	LAX	JAL	W 08/12/04	Express	116	\$2.23	\$2.34	Upper	100
HKG	LAX	SQ	W 09/15/04	1 day	127	\$2.23	\$2.34	Upper	100
PVG	SEA	SQ	M 07/03/04	Express	1205	\$2.42	\$2.49	Lower	100
ICN	LAX	SQ	M 07/06/04	1 Day	1203	\$2.86	\$2.89	Upper	75

My Commitments

Orig	Dest	Service	Carrier	Fit	Cost	Position	Time/Date	Wt	Action
HKG	SFO	Express	SQ	1124	\$1.80	Lower	F 05/11/04	76	B
HKG	SFO	Express	SQ	109	\$1.30	Upper	T 05/12/04	20	B
HKG	SFO	Express	JAL	1189	\$2.79	Upper	T 06/18/04	12	B
PVG	SEA	Express	JAL	1189	\$2.86	Lower	W 08/12/04	54	B
PVG	SFO	Express	UA	116	\$2.12	Lower	W 09/15/04	120	B
ICN	LAX	Express	UA	127	\$6.00	Upper	M 07/03/04	43	S
ICN	LAX	Express	JAL	1205	\$2.40	Lower	M 07/06/04	33	S
PVG	SFO	2 day	SQ	201	\$2.50	Upper	T 07/23/04	10	S
							W 06/15/04	99	S

Adjustment Market - Forwarder

My Orders

Orig	Dest	Time/Date	Serv	Pos	Ord	Fit	Carr	M/L	Limit	Lnk	Wt
SIN	SFO	F 05/11/04	1 Day	U	Buy	1124	SQ	L	\$1.30	OC 121	78
SIN	SFO	T 05/12/04	Express L	Sell	109	JAL	L	\$2.48	TR 042	54	
TPE	SFO	T 06/18/04	1 Day	L	Sell	1189	UA	L	\$2.88	TR 041	98
SIN	SFO	W 09/08/04	Express L	Buy	1189	UA	M	45			
ICN	LAX	W 08/12/04	Express U	Sell	116	JAL	M	12			
HKG	LAX	W 09/15/04	1 Day	U	Buy	127	SQ	L	\$1.56	40	
ICN	SFO	M 07/03/04	1 Day	U	Ice Sell	1205	SQ	L	\$1.54	OC 042	150
TPE	LAX	M 07/06/04	Express L	Sell	1203	SQ	L	\$3.50	OC 138	14	
HKG	SFO	T 07/23/04	Express U	Sell	1444	SQ	L	\$3.00	134		

Fig. 12 D

Indices: Asia/US \$2.88₀₅ US/Asia \$0.85₂₅ Asia/EU \$2.10₇₆ EU/Asia \$0.54₃₈ EU/EU \$0.68₄₅ US/EU \$0.78₄₅ Routes TPE-SFO \$1.89₁₈ HK-LAX \$2.45₅₅

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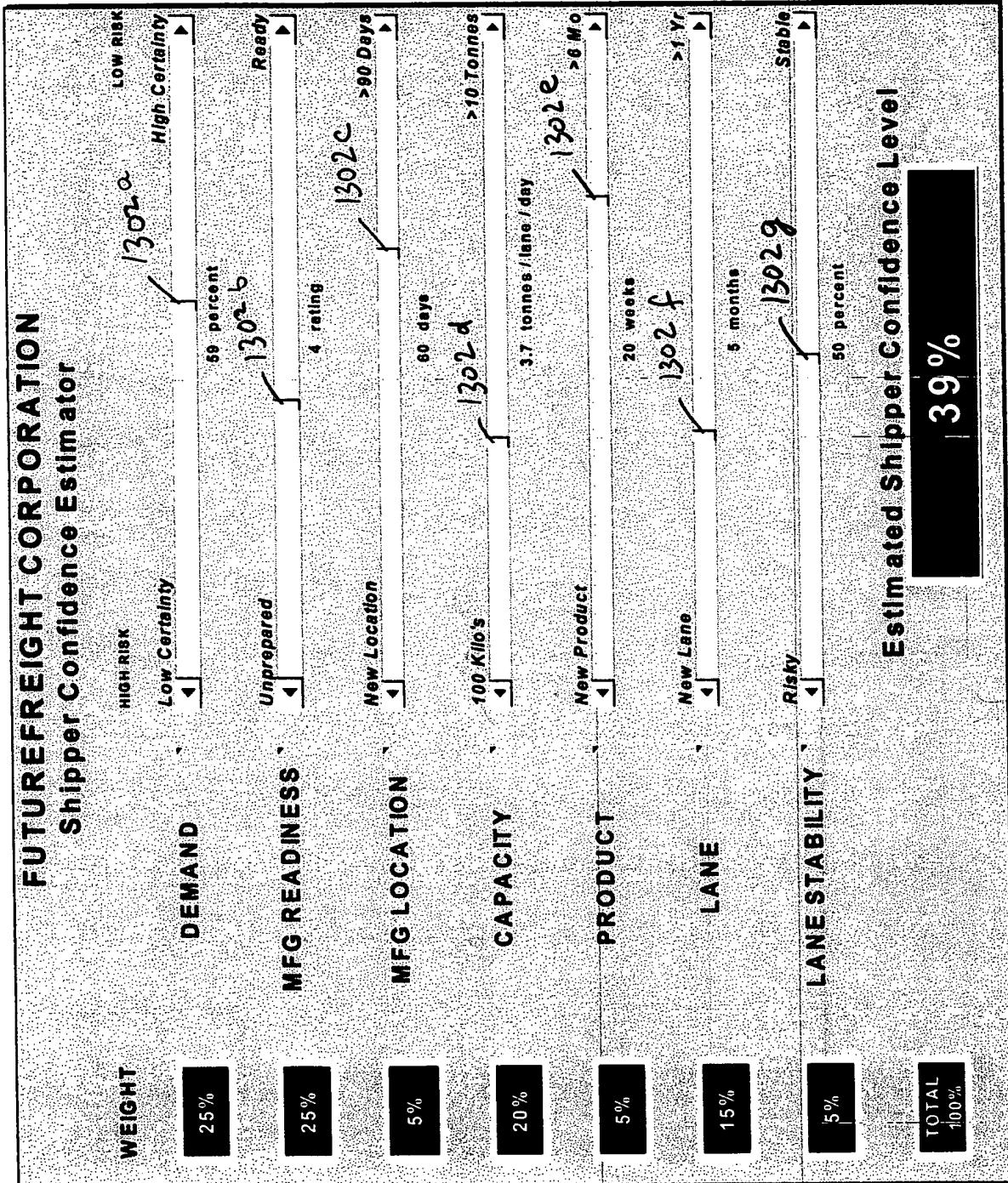
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FIG. 13



Shipper Confidence Level Factors

Factor	Weight	High Risk	Low Risk	Notes
DEMAND	25%	Low Certainty	High Certainty	Customer Demand
MFG READINESS	25%	Unprepared	Ready	Includes availability of supplied material, internal resource readiness used to build product or part, set up required to build product or part
MFG LOCATION	5%	New Location	> 90 days	Sensitivity about where product is being built
CAPACITY	20%	100 kg	> 10 tonnes	Amount of capacity to be booked
PRODUCT	5%	New Product	> 6 months	Number of months product has been manufactured
LANE	15%	New lane	> 1 year	Number of months lane has been used for shipping
LANE STABILITY	5%	Risky	Stable	Estimate of lane stability (i.e. wars, strikes, etc.)

Fig. 14

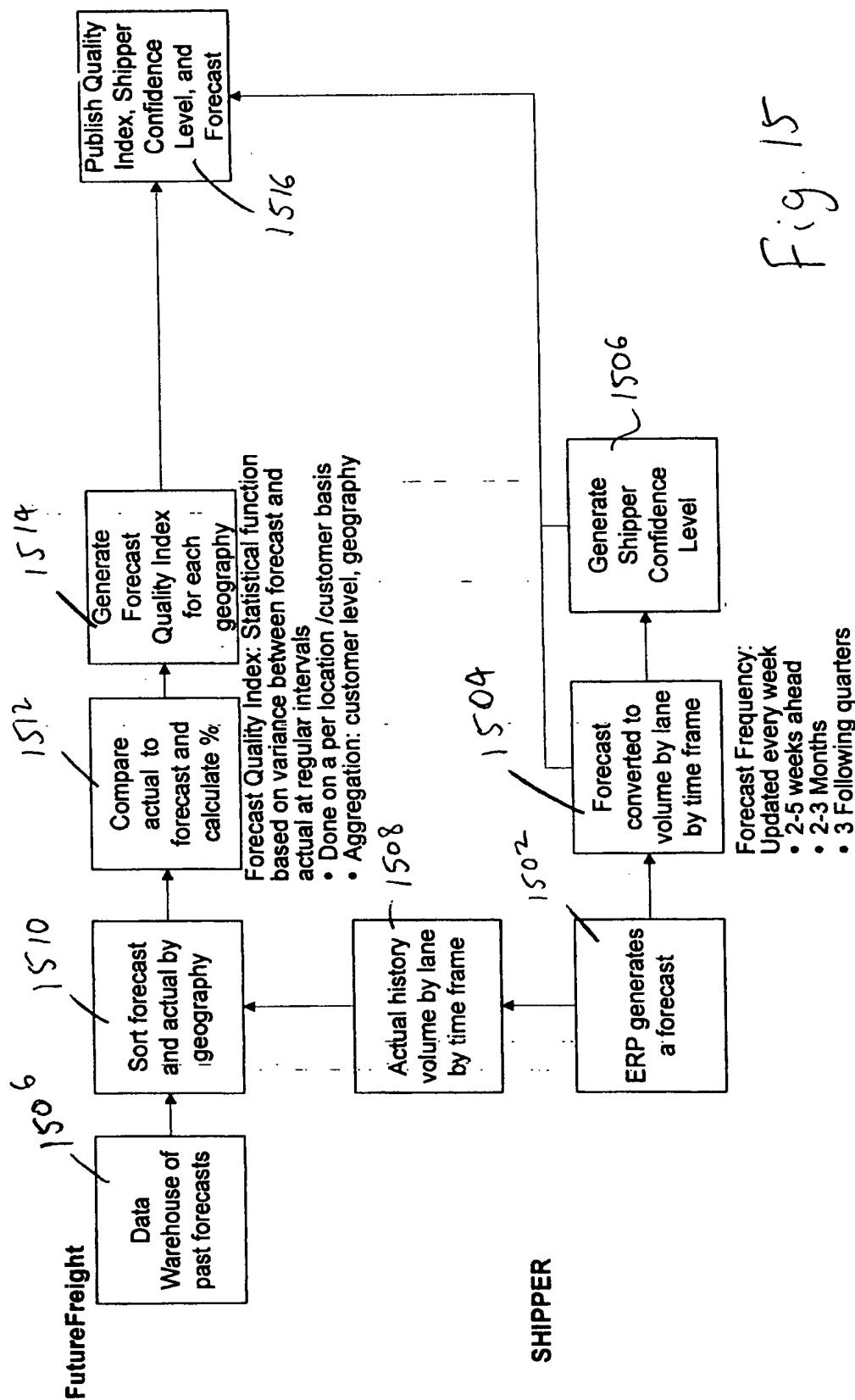


Fig. 15